02/13/01
09/782714
JC714 U.S. PTO

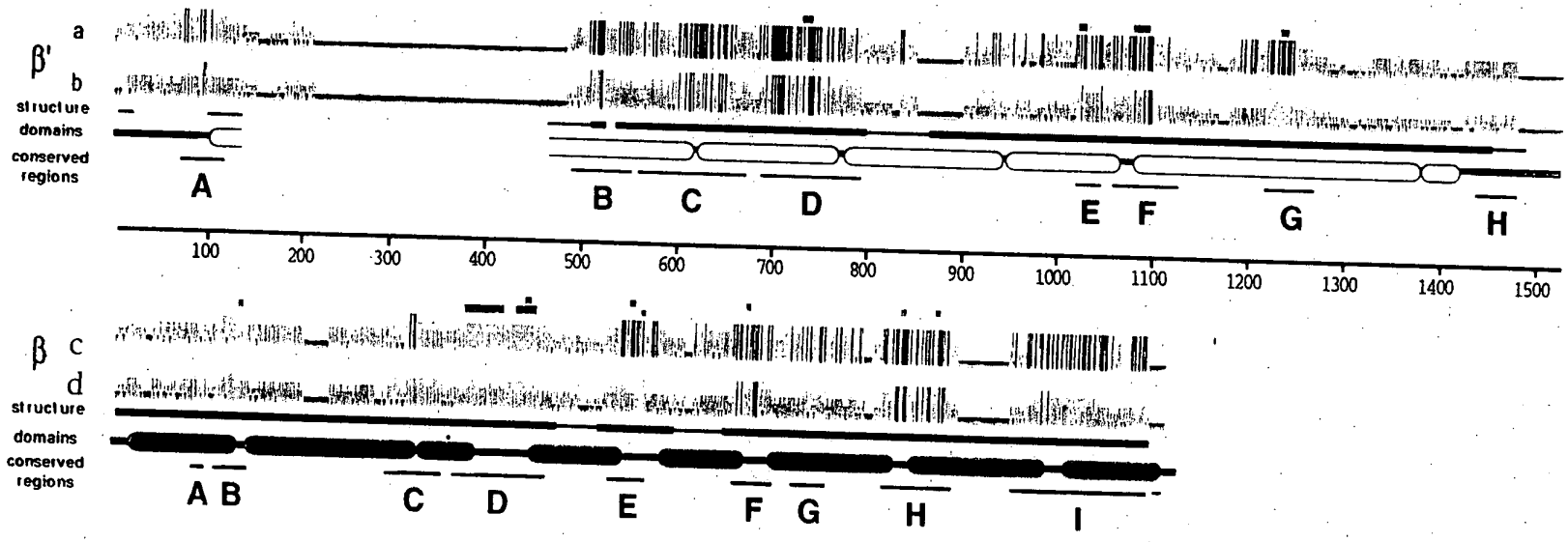


Figure 1

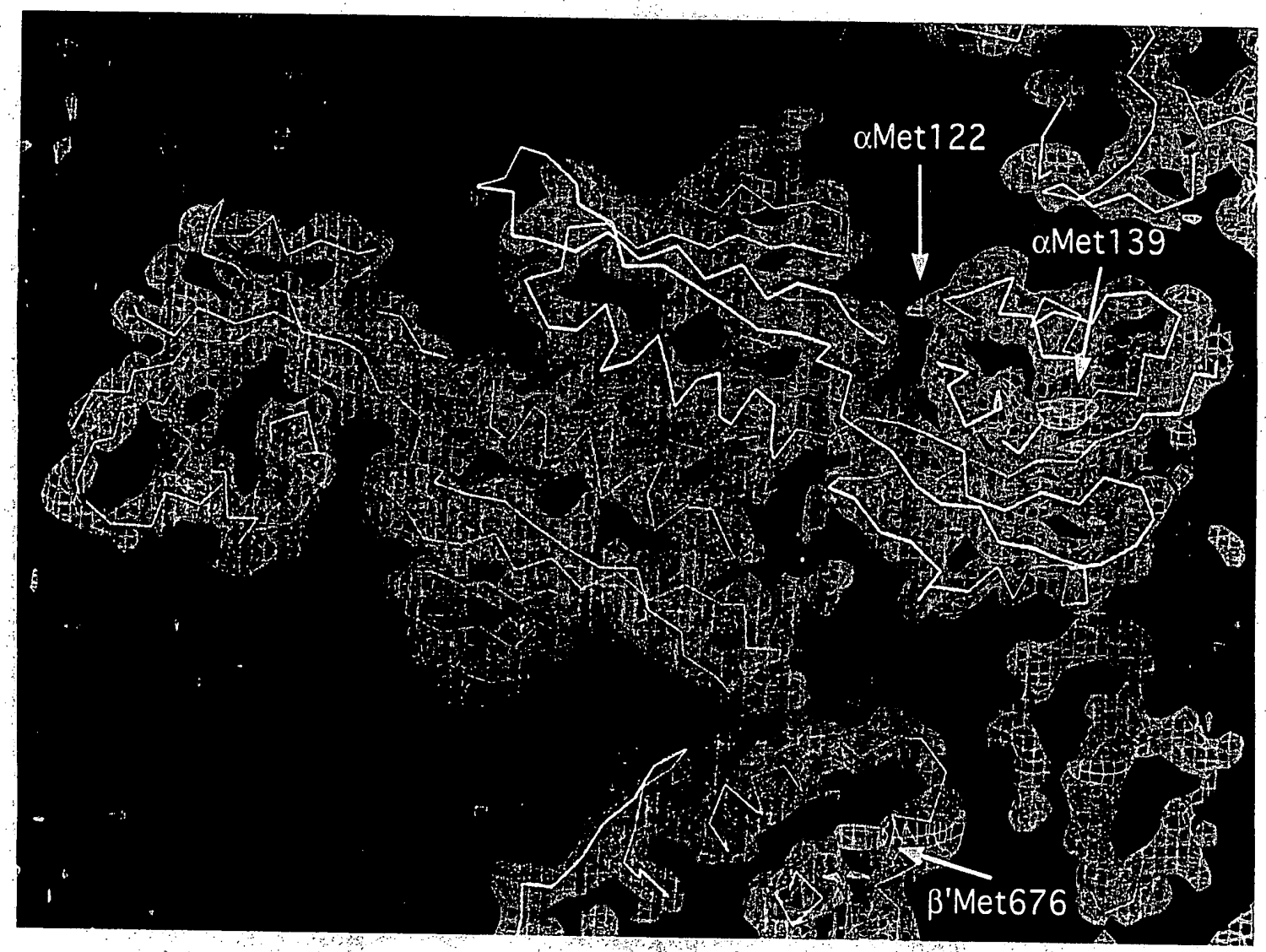


Figure 2A

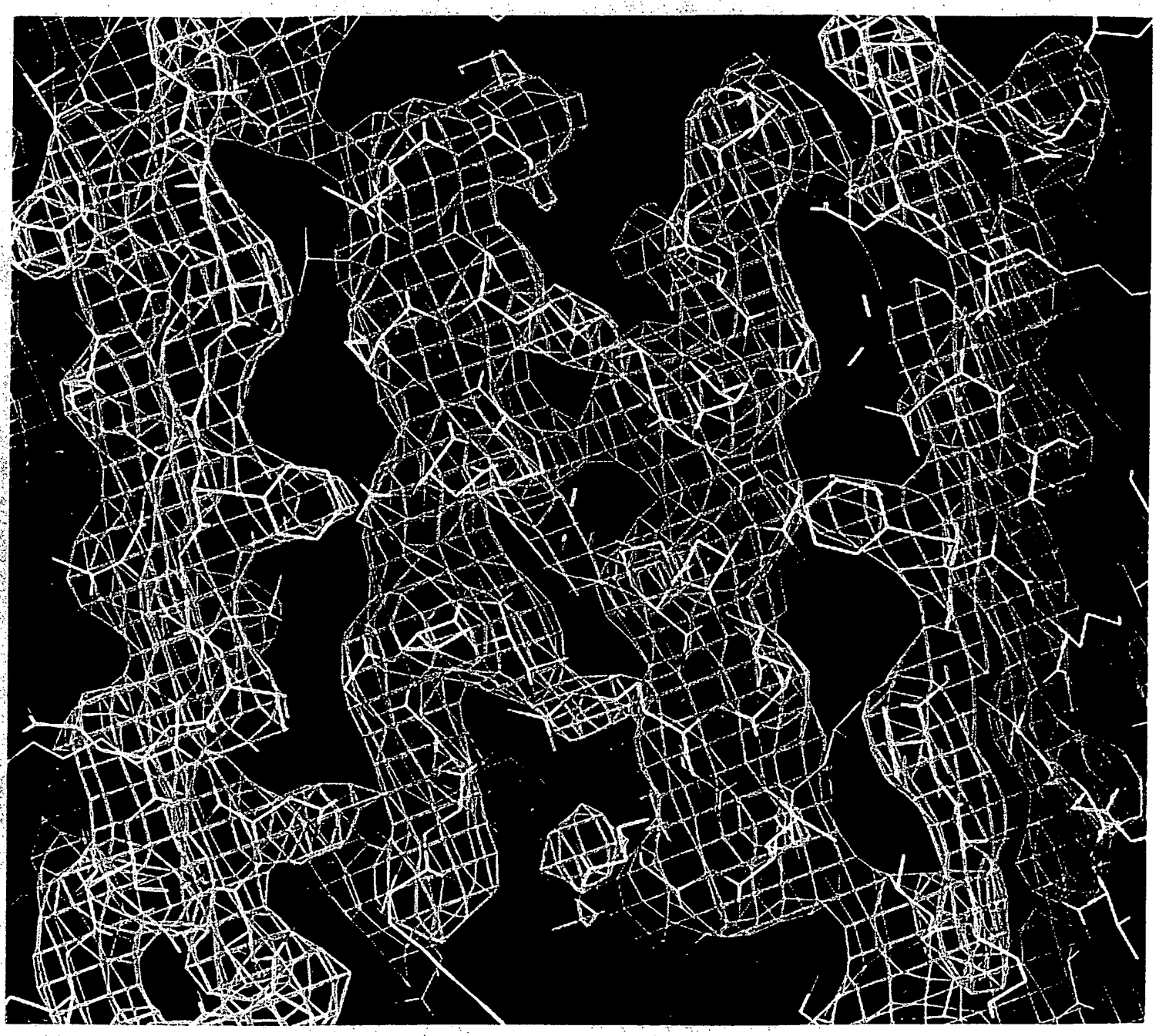


Figure 2B

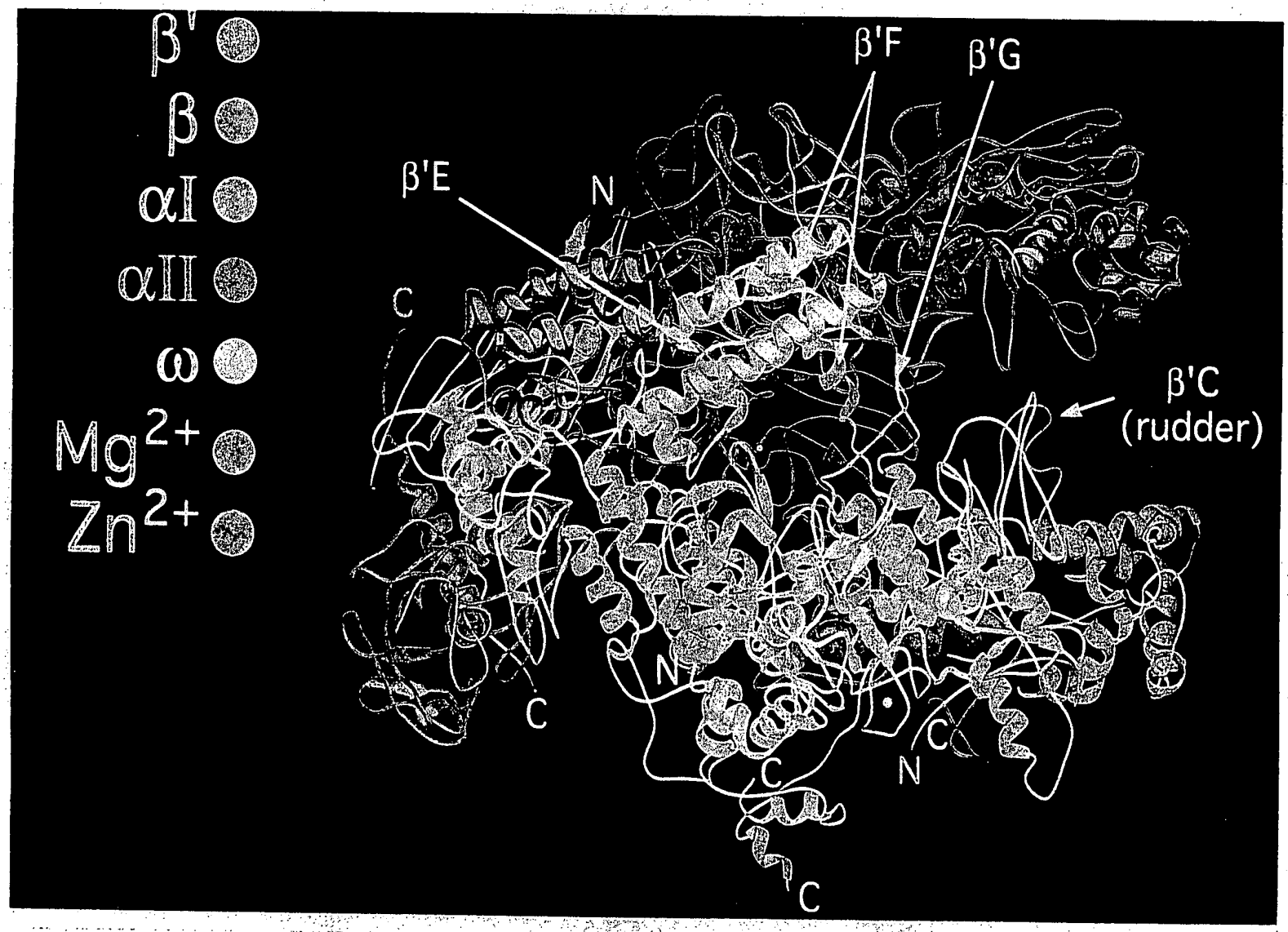


Figure 3A

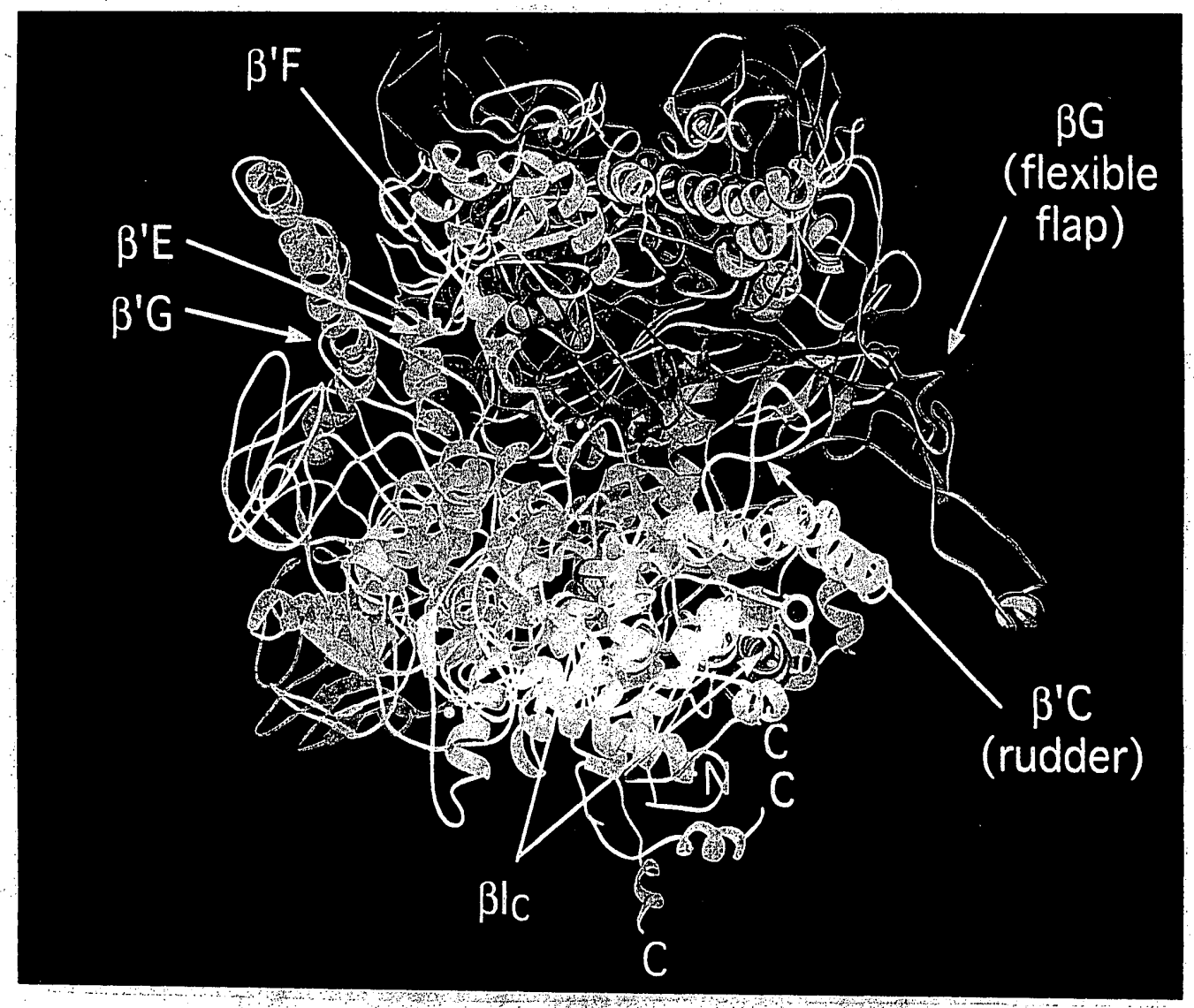


Figure 3B

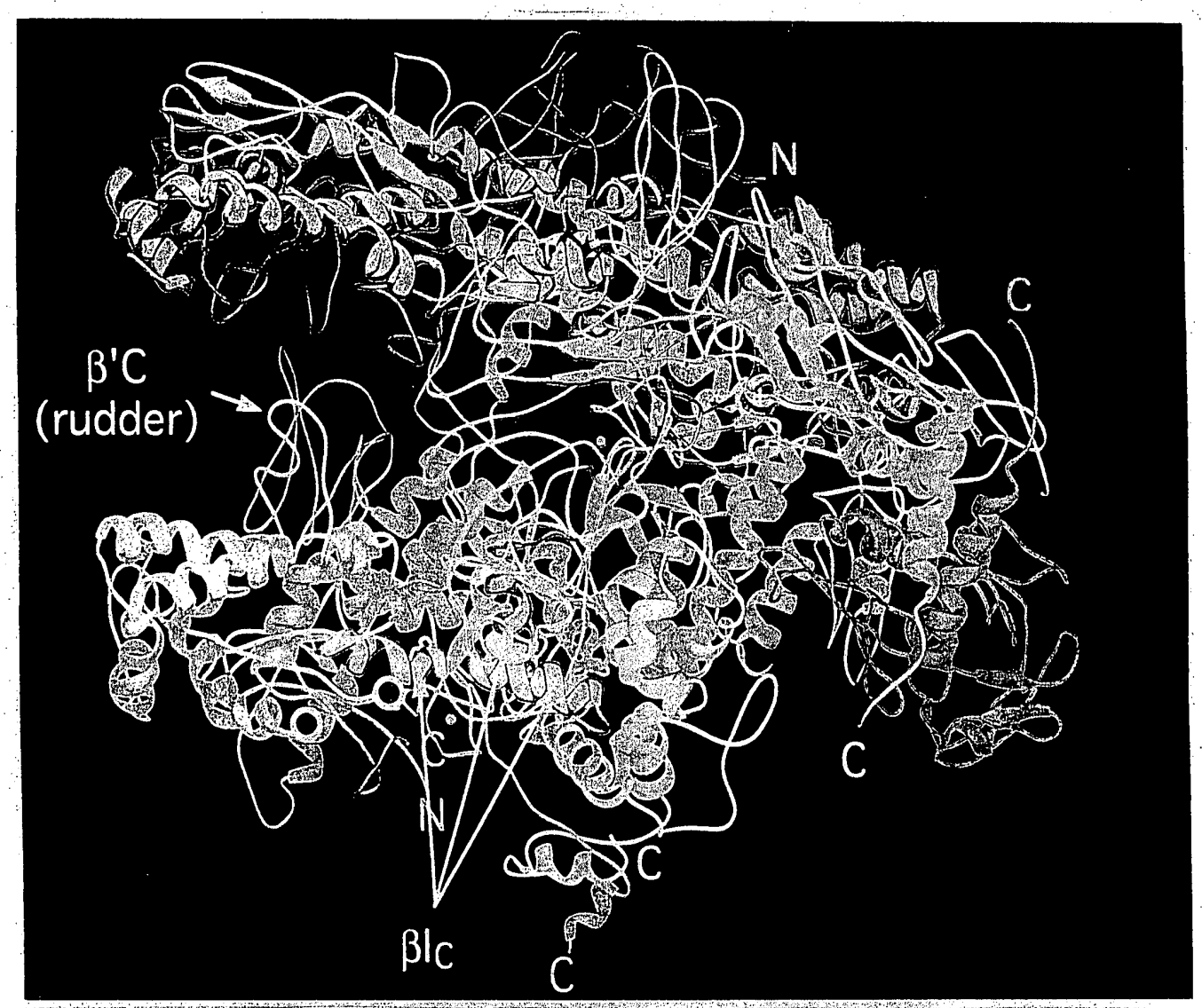
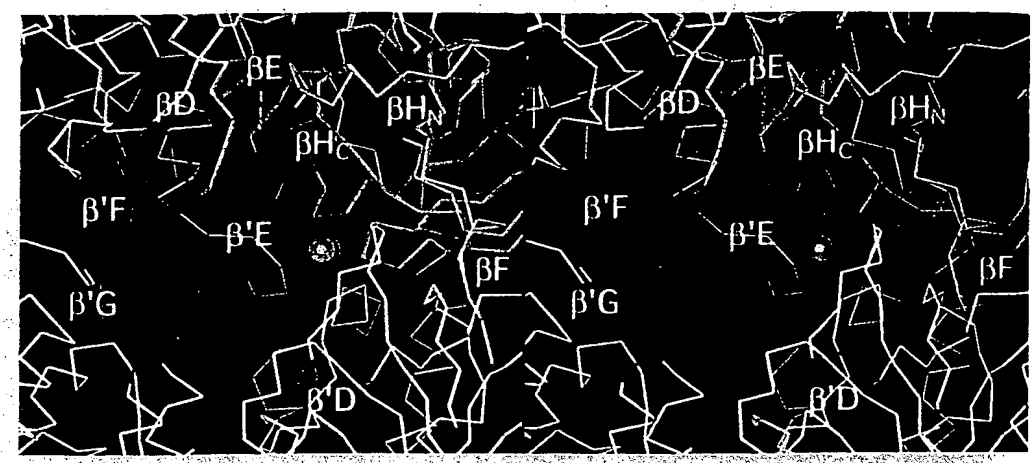


Figure 3C

A


βE
βD
βH_N
βH_C
β'F
β'E
βF
β'G
β'D
βE
βD
βH_N
βH_C
β'F
β'E
βF
β'G
β'D

B

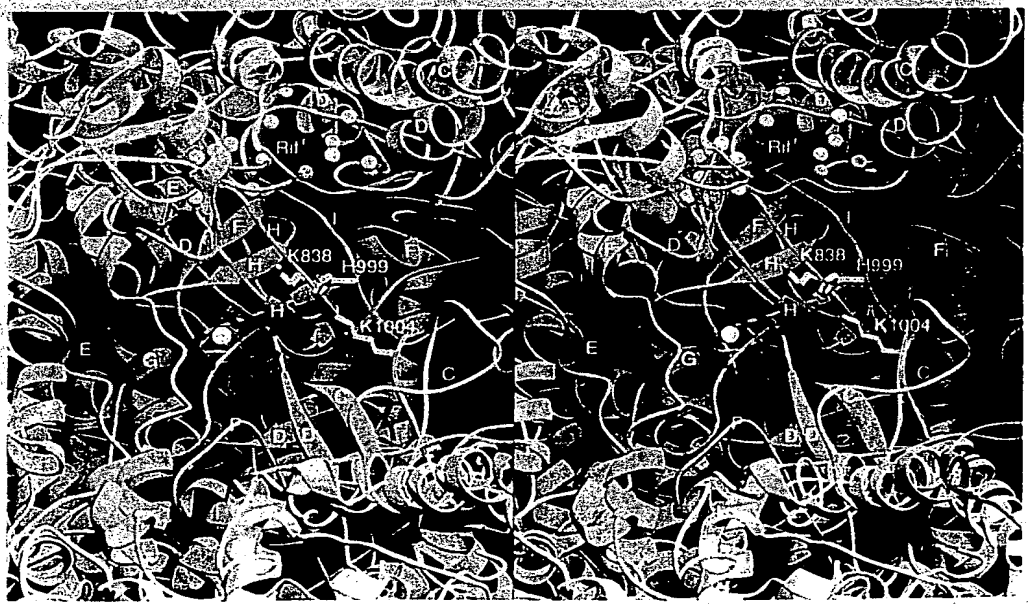

Rif'
K838
H999
K1004
Rif'
K838
H999
K1004

Figure 4

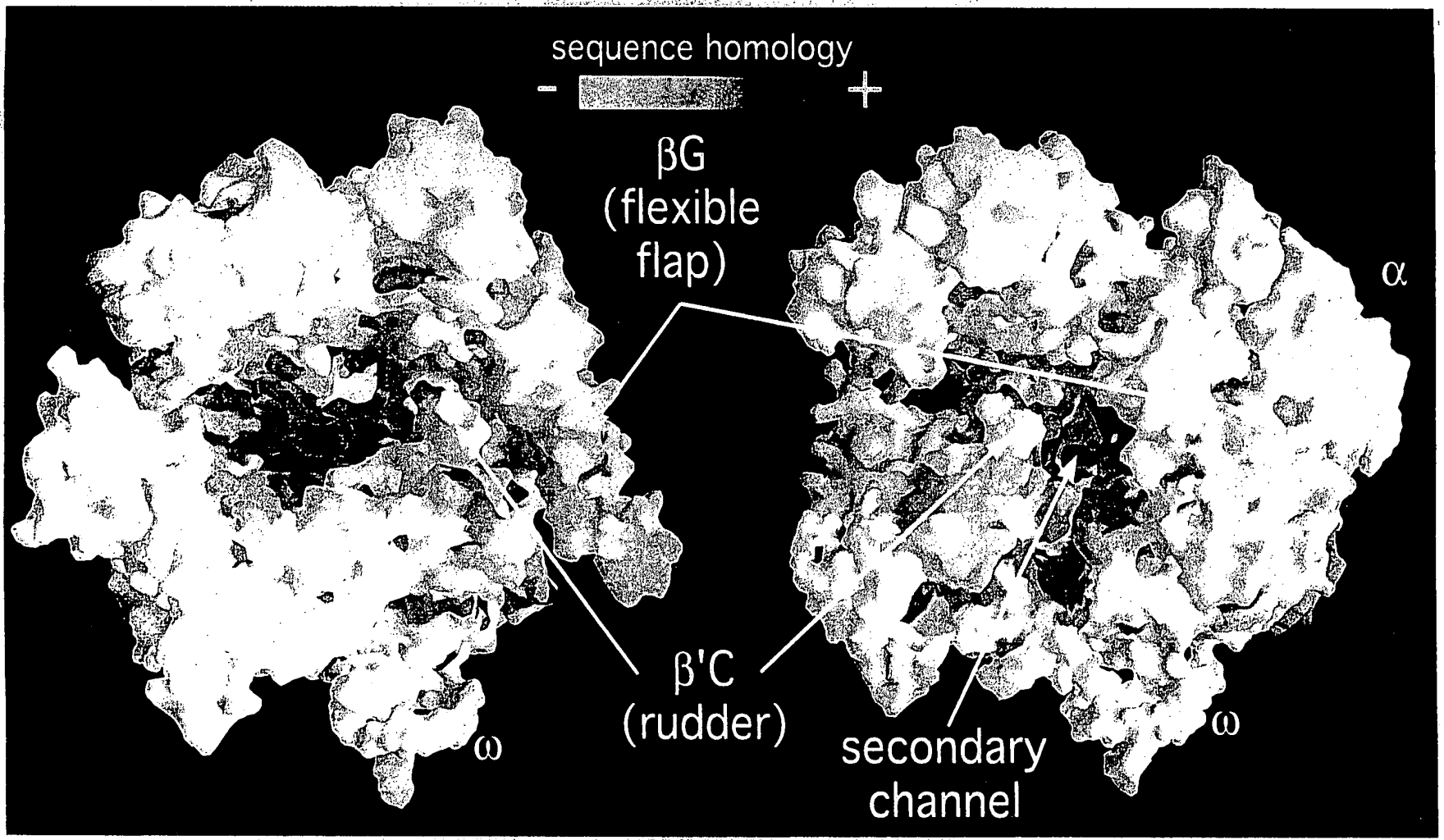

A
B
sequence homology
-
+
βG
(flexible
flap)
α
β'C
(rudder)
ω
secondary
channel
ω

Figure 5

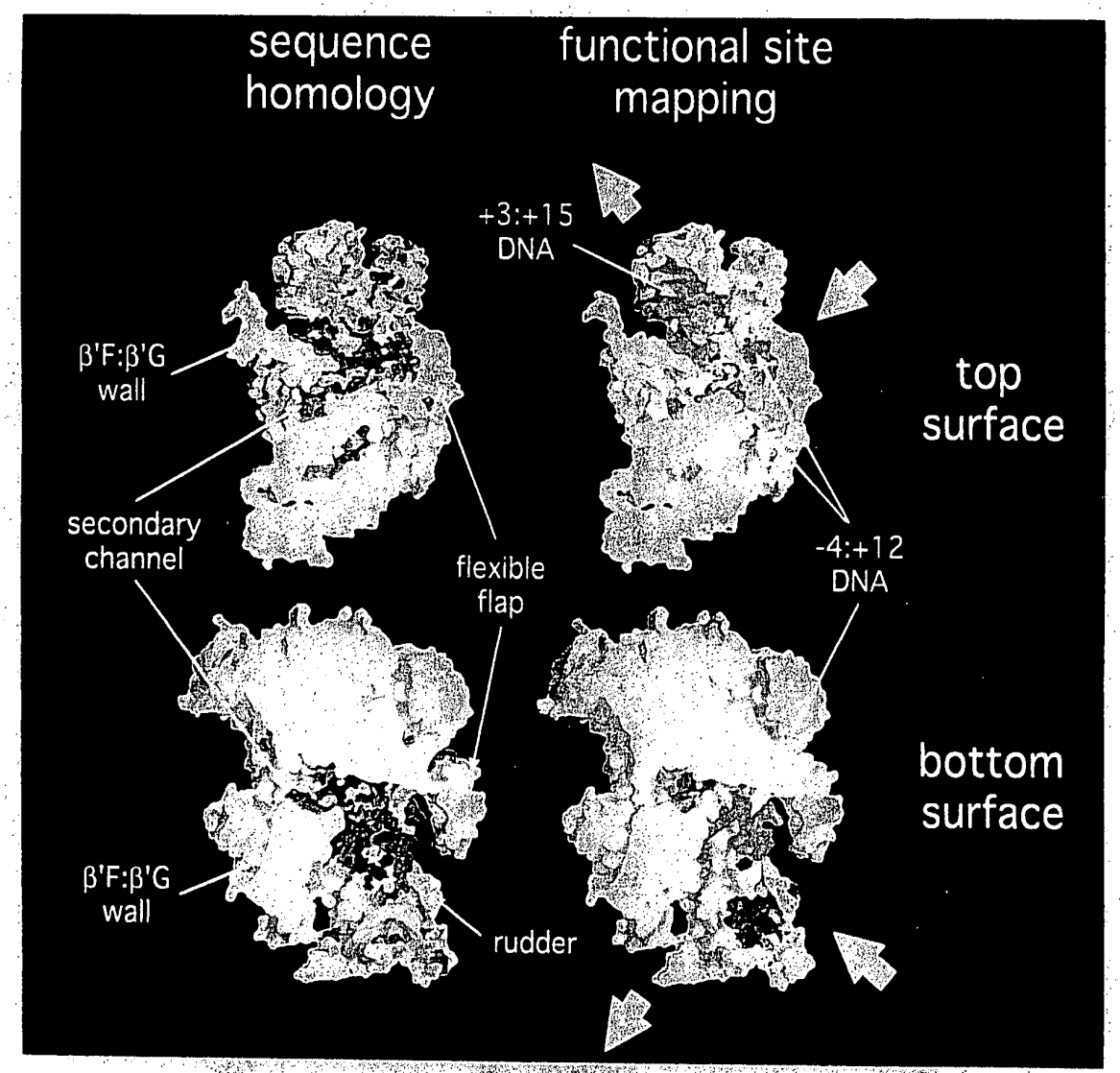
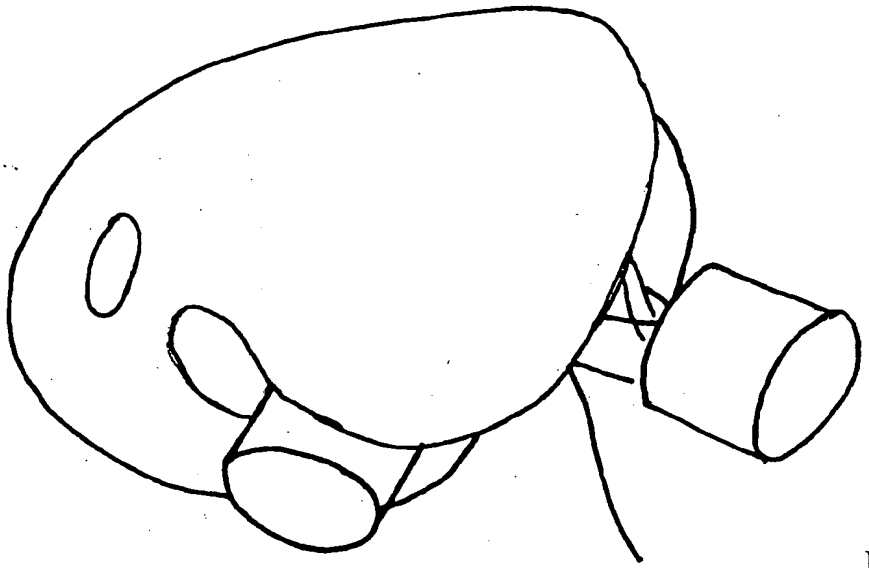
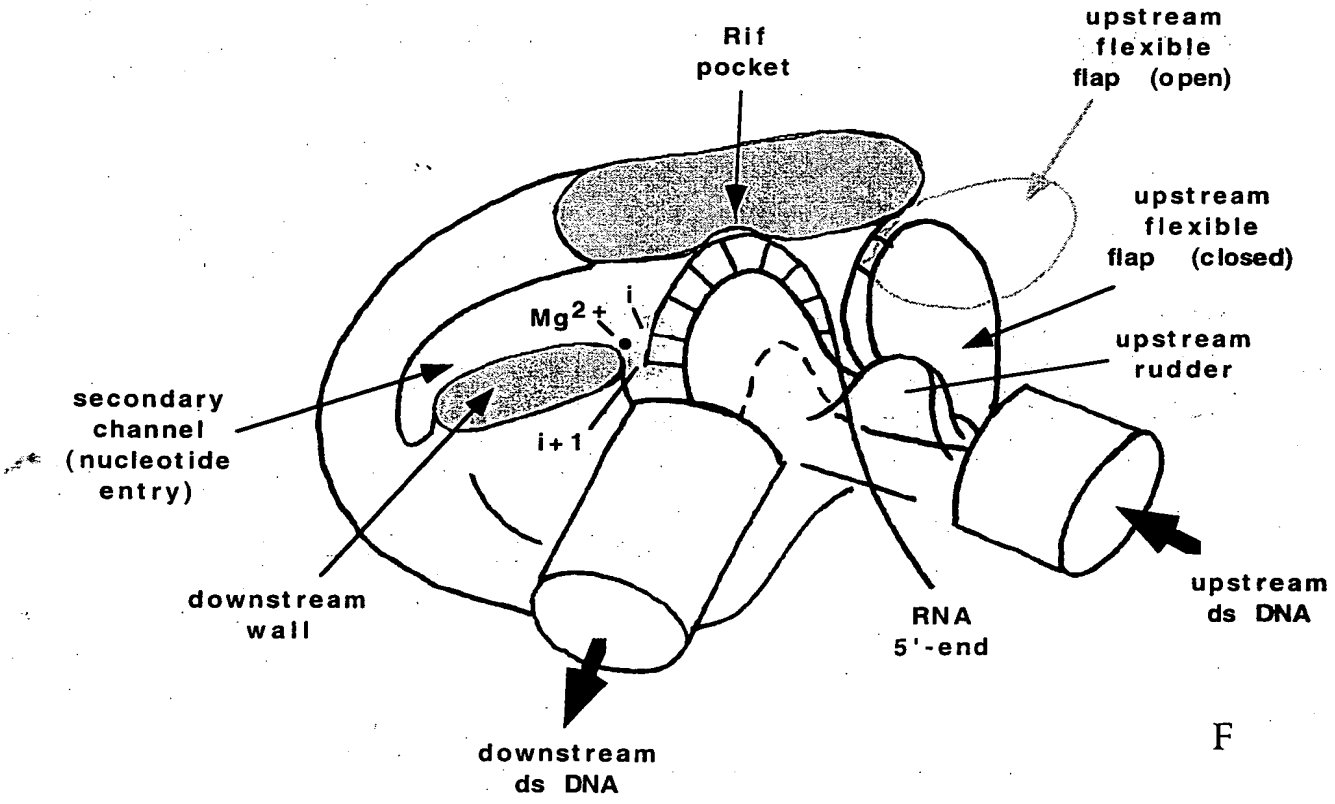

A
sequence homology
functional site mapping
C
+3:+15 DNA
β'F:β'G wall
top surface
secondary channel
flexible flap
-4:+12 DNA
bottom surface
β'F:β'G wall
rudder
B
D

Figure 6 A-D



E



F

Figure 6 E-F

APPROVED
O.G. FIG.
BY
CLASS SUBCLASS
DRAFTSMAN

FIG. 1

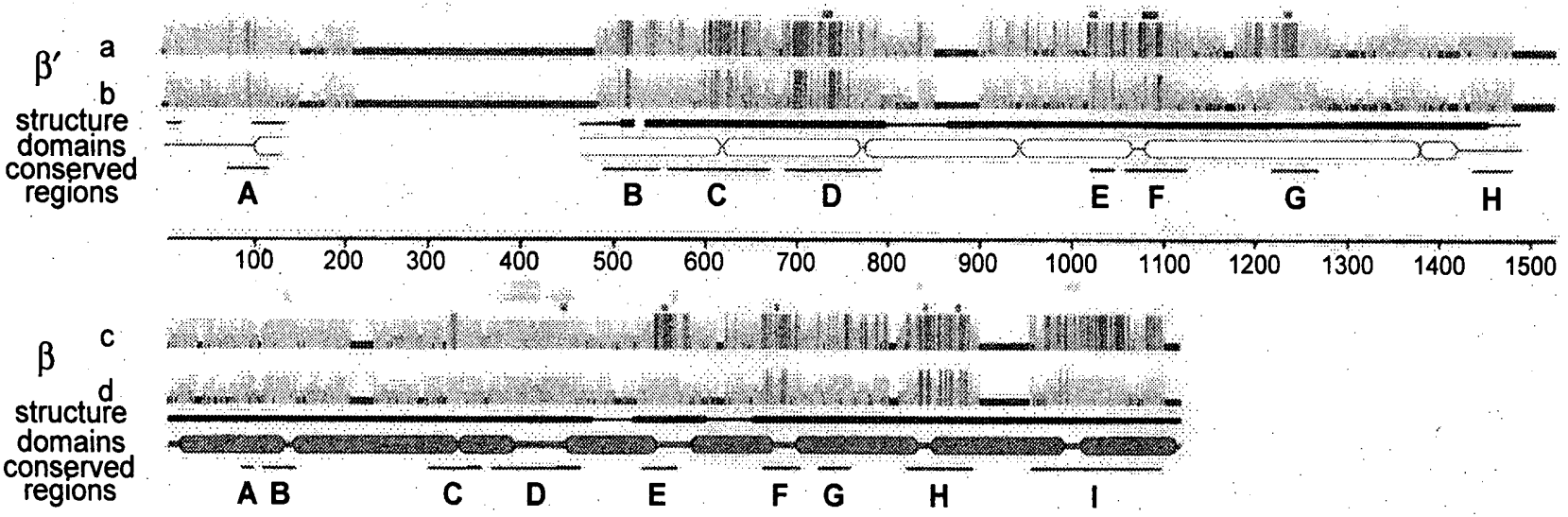
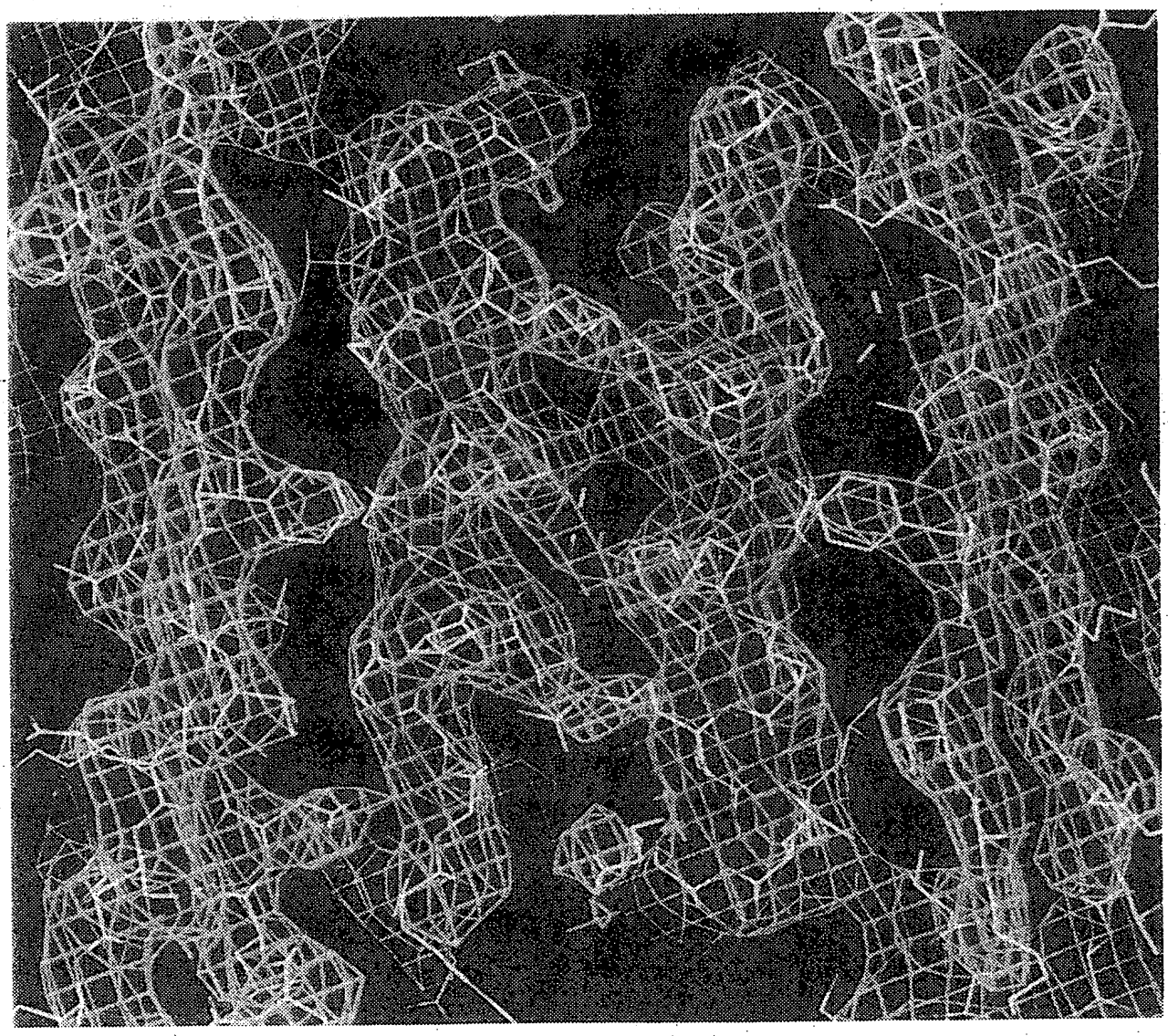


FIG. 2A

APPROVED
BY:
DRAFTSMAN
O.G. FIG.
CLASS
SUBCLASS

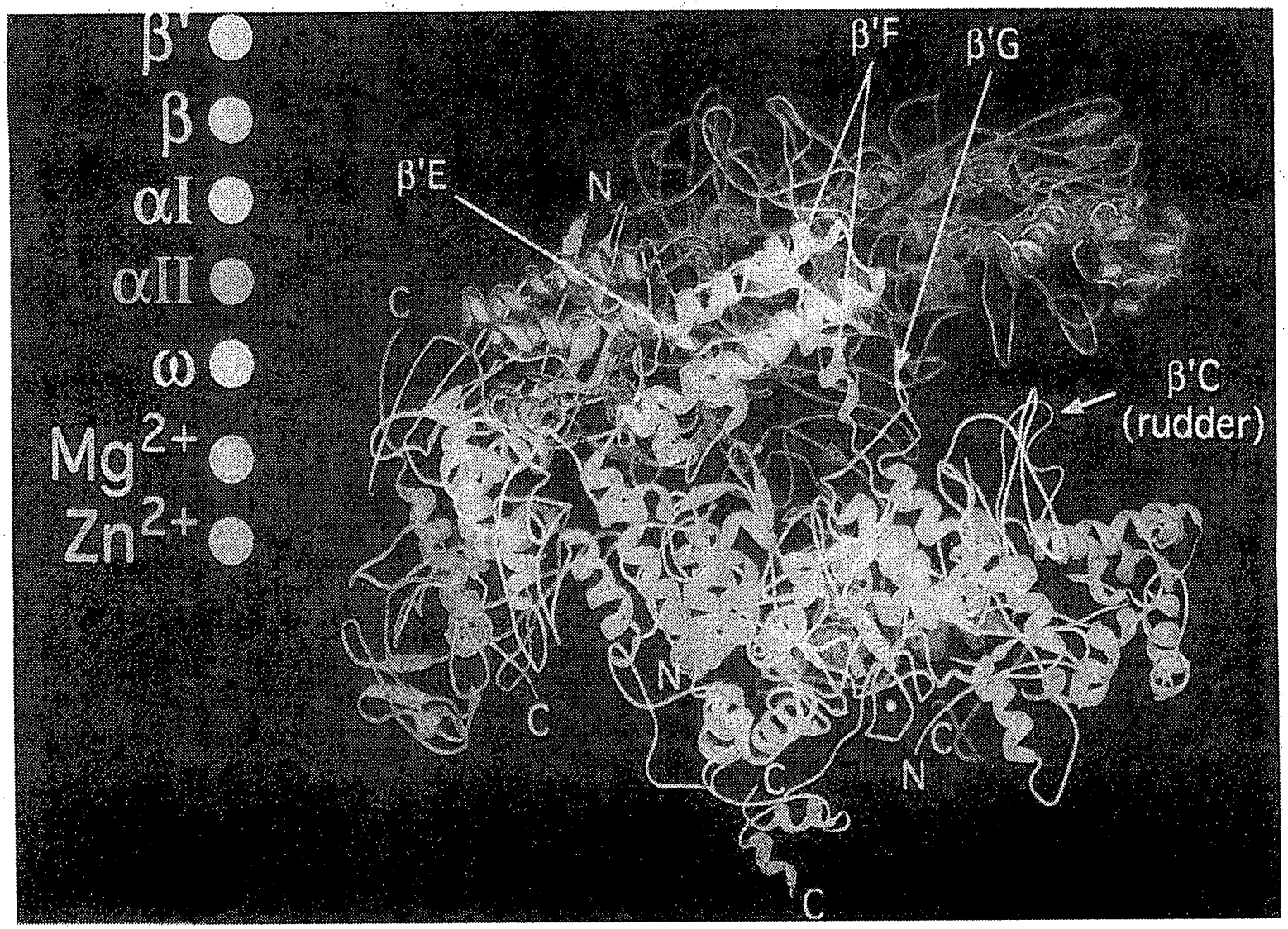
APPROVED BY DRAFTSMAN | O.G. FIG. CLASS | SUBCLASS

FIG. 2B



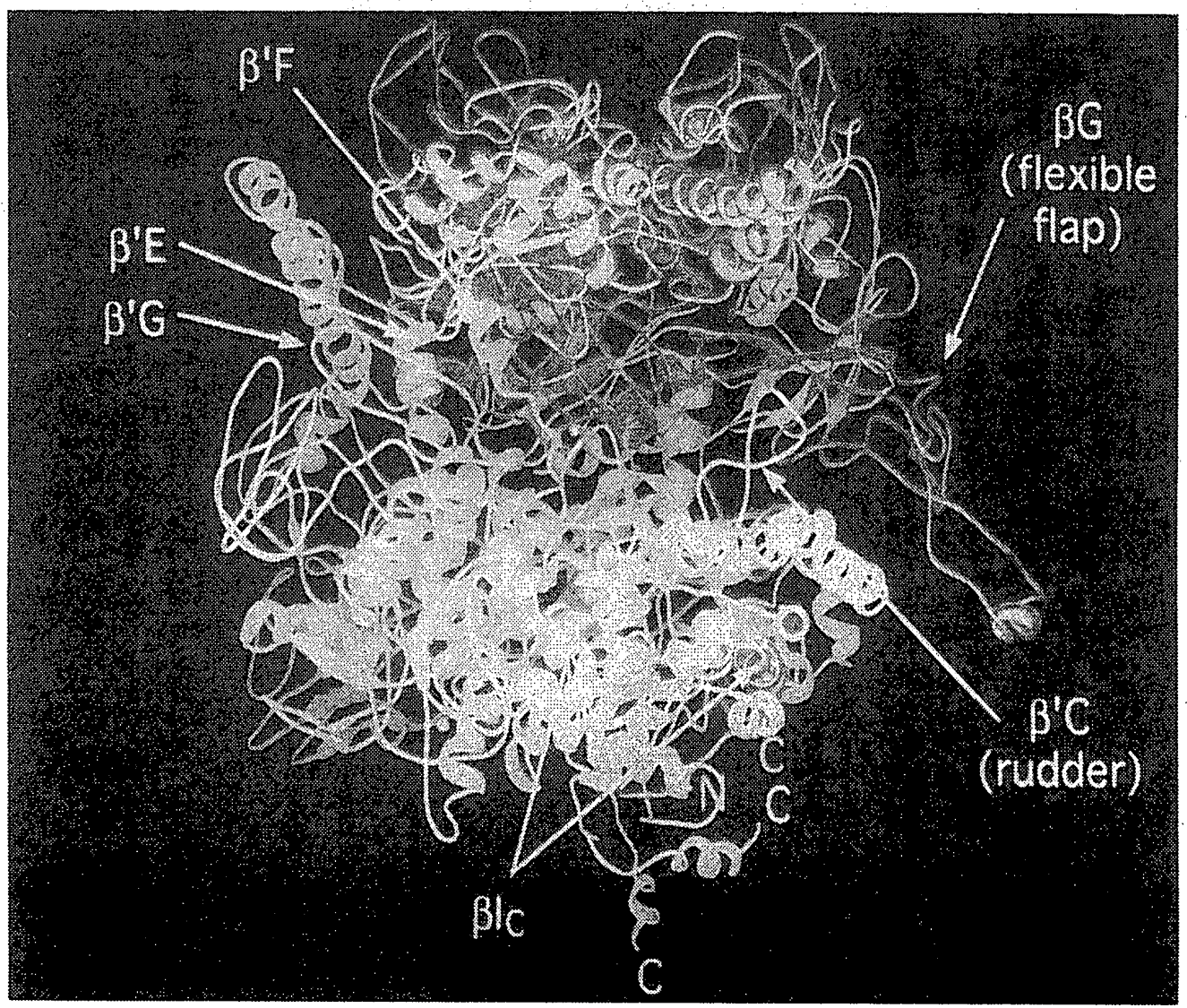
APPROVED
BY
DRAFTSMAN
O.G. FIG.
CLASS SUBCLASS

FIG. 3A



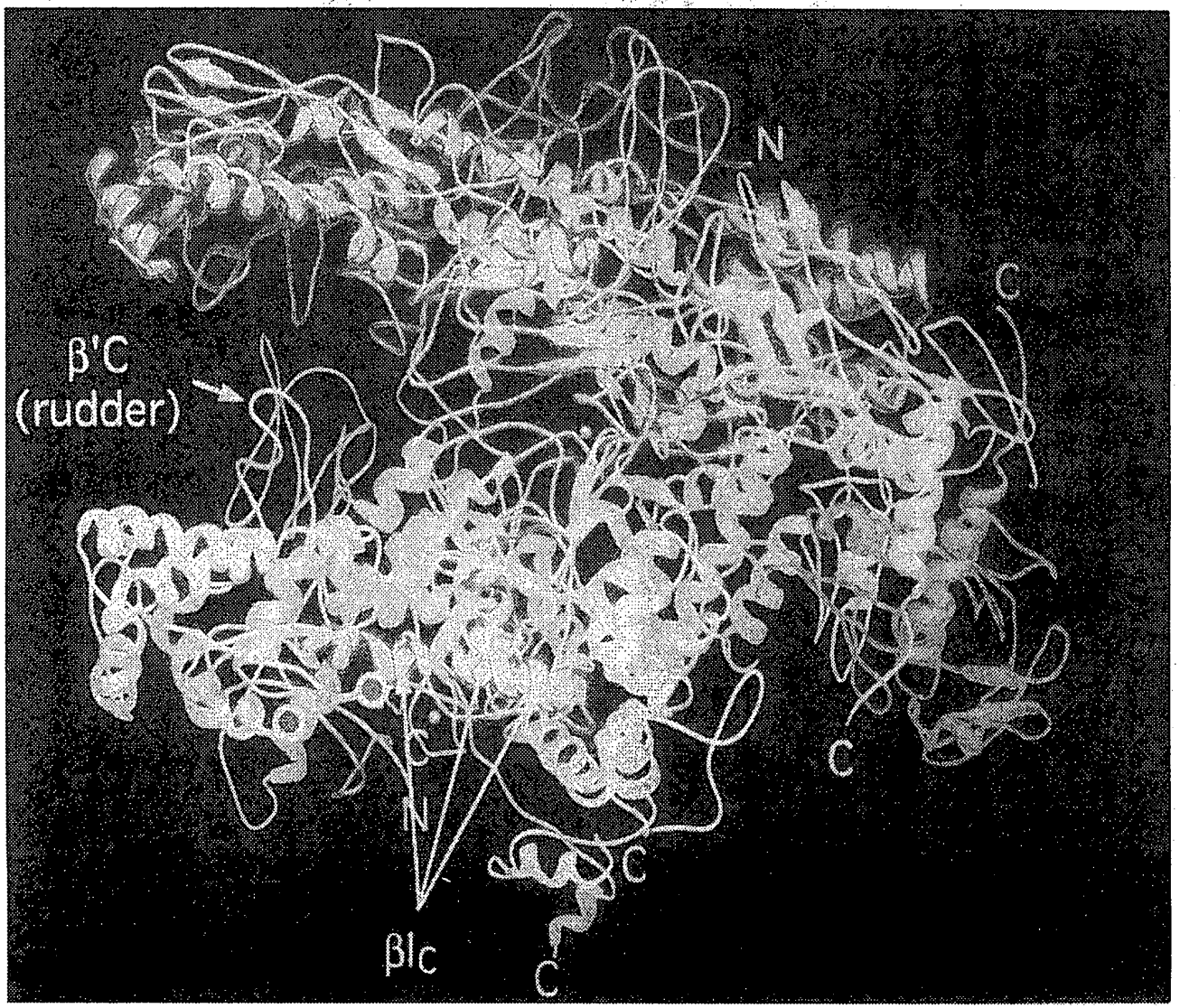
APPROVED
O.G. FIG.
BY
CLASS SUBCLASS
DRAFTSMAN

FIG. 3B



APPROVED
BY
DRAFTSMAN
O.G. FIG.
CLASS
SUBCLASS

FIG. 3C



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 4A

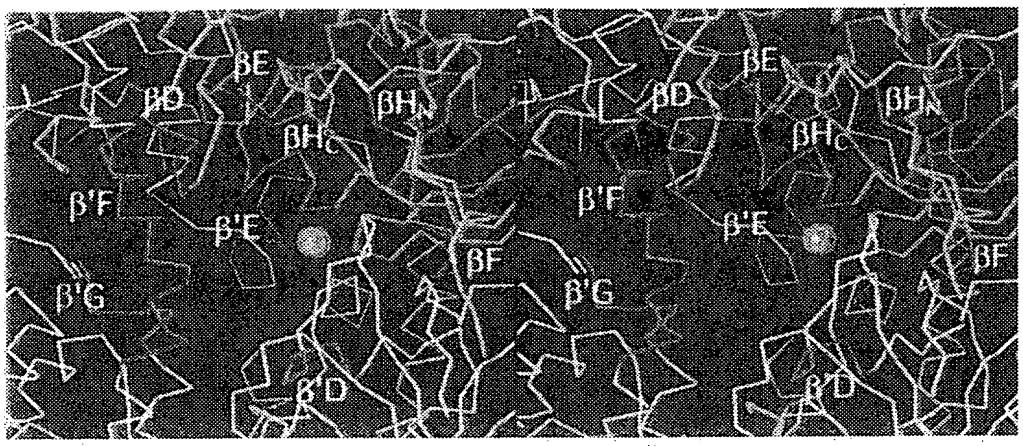
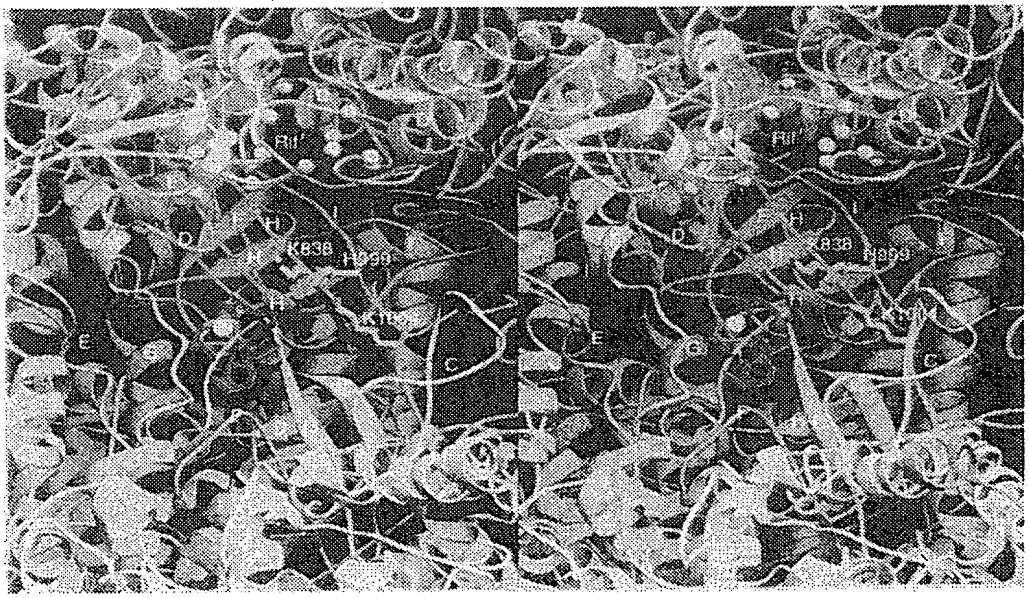


FIG. 4B



APPROVED
O.G. FIG.
BY
CLASS SUBCLASS
DRAFTSMAN

FIG. 5A

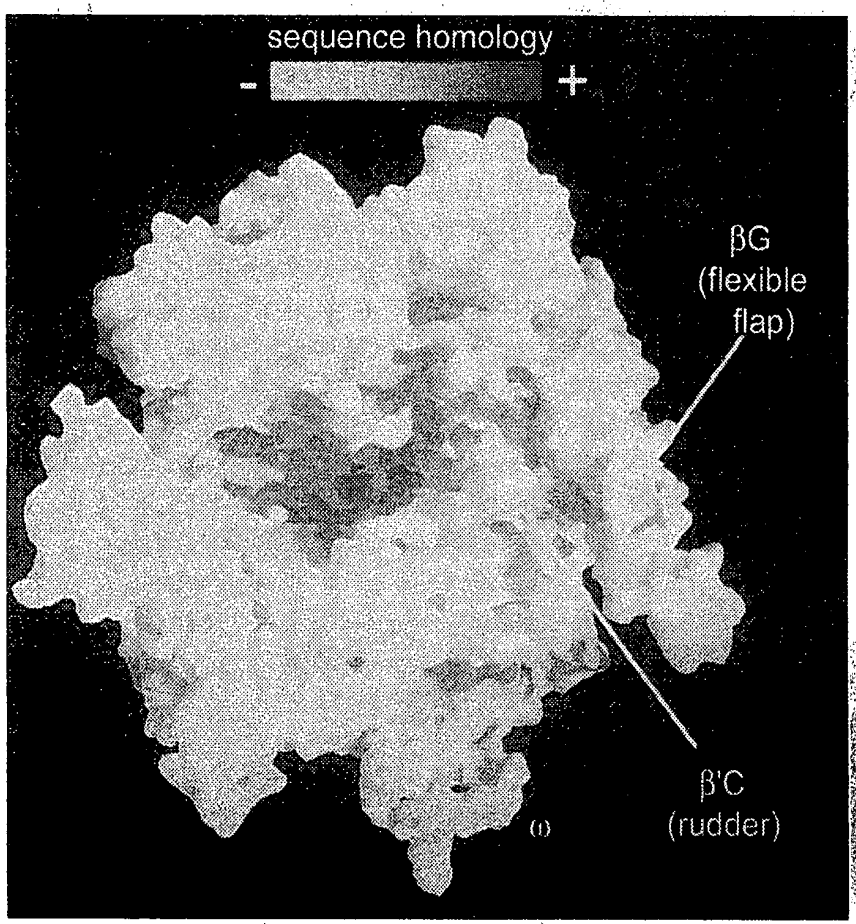
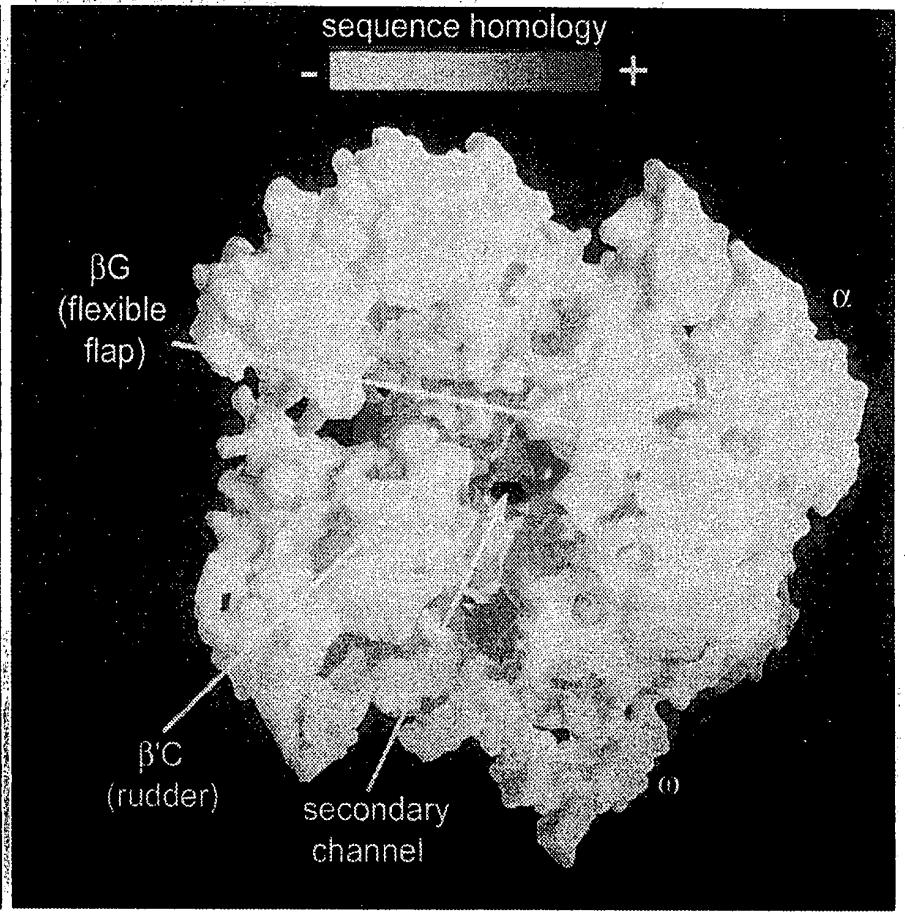


FIG. 5B



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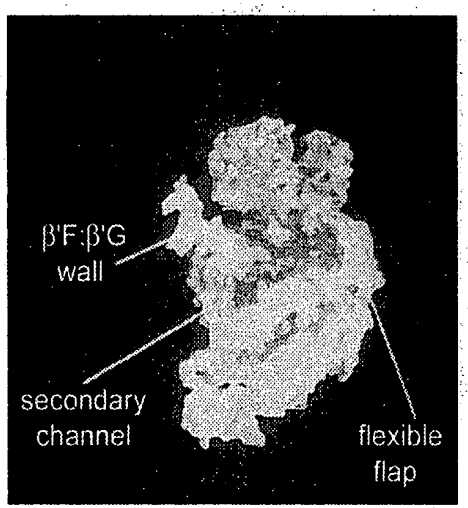
BY
DRAFTSMAN
O.G. FIG.
CLASS SUBCLASS

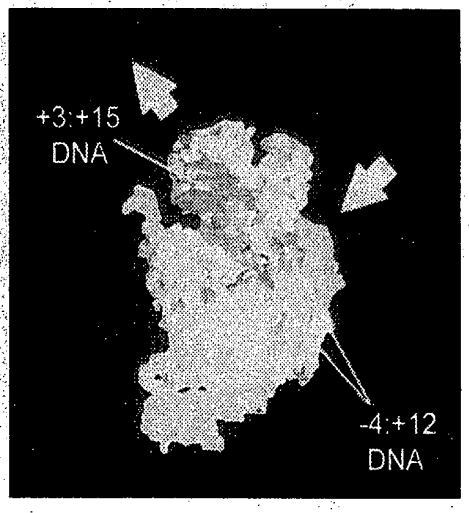
FIG. 6A



top surface

sequence homology

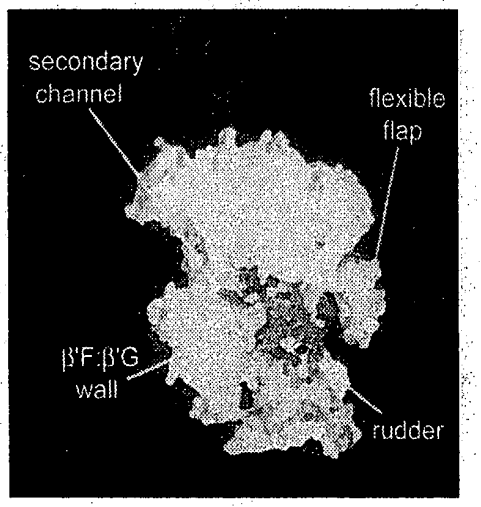
FIG. 6C



top surface

functional site mapping

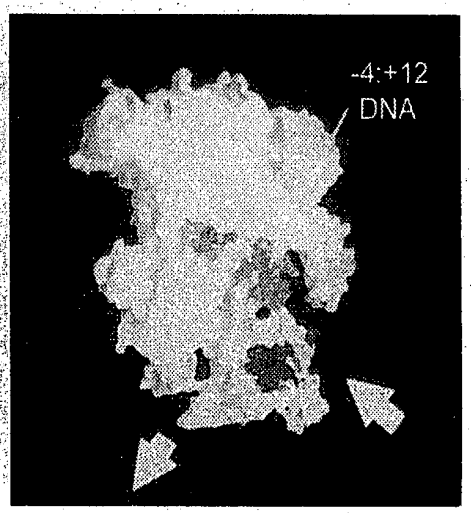
FIG. 6B



bottom surface

sequence homology

FIG. 6D



bottom surface

functional site mapping

APPROVED BY DRAFTSMAN
O.G. FIG.
CLASS SUBCLASS

FIG. 6E

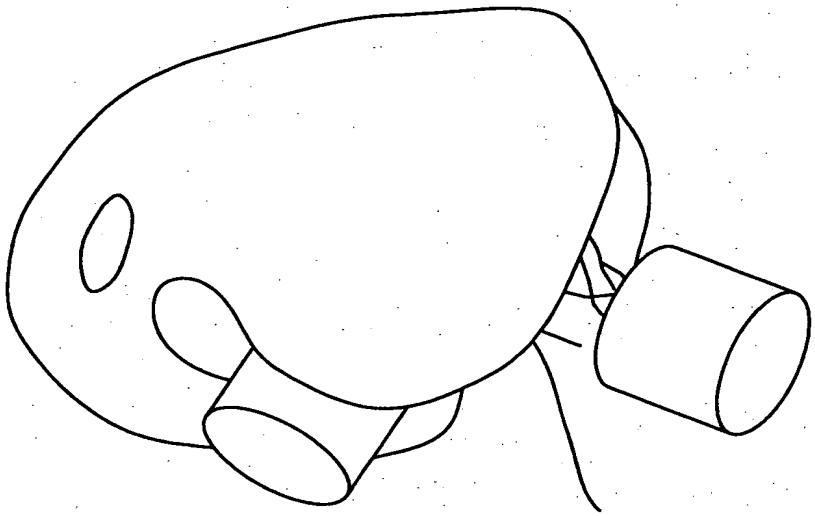
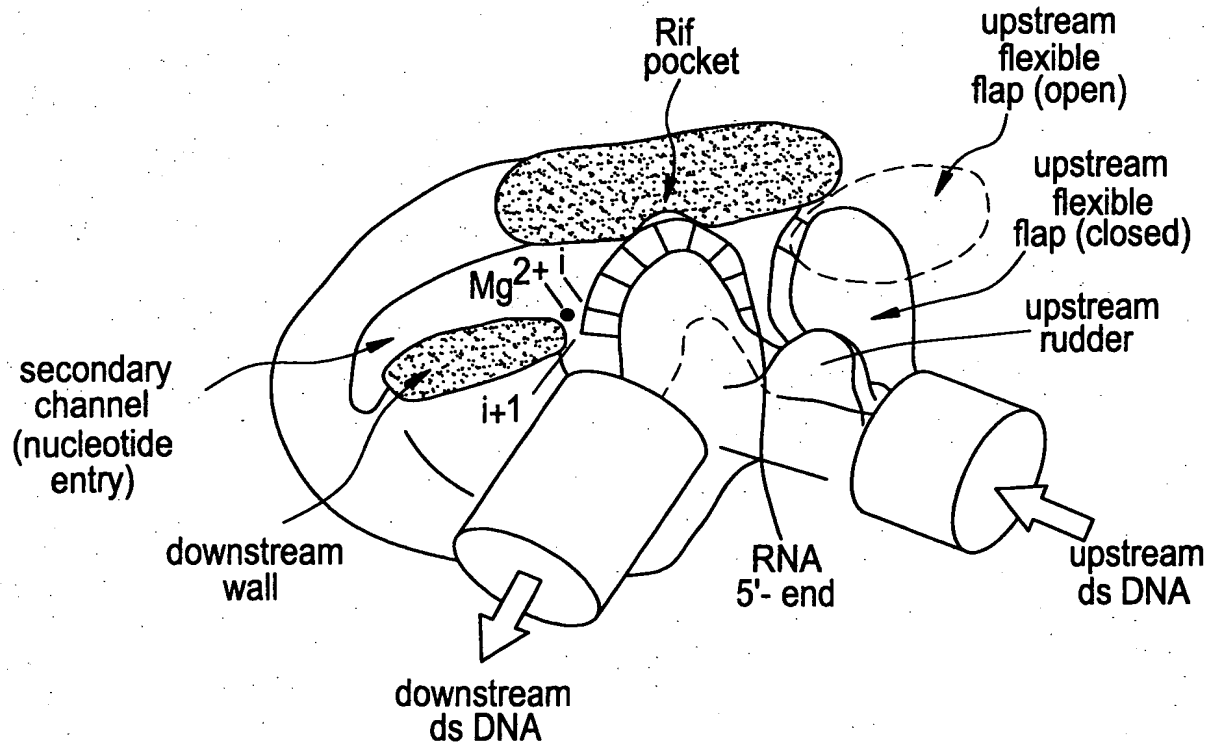



FIG. 6F